Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 08 Mar 2023 until 23:59 on Thursday 09 Mar 2023

Forecast Issued on Tuesday 07 Mar 2023 at 16:01

Confidence: High for a fine day Wednesday and for becoming more unsettled with significant snow on Thursday but lower for details from Thursday due to the uncertainty of the development and track of a low across the UK.

Headline for Wednesday 08 Mar 2023: Mainly dry, cold and sunny. Generally light winds

Mountain weather hazards on Wednesday 08 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Clear night	Sunny	Sunny	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	00%	<05%	10%	10%	00%

Forecast for Wednesday 08 Mar 2023

Weather: Dry clear and frosty at all levels overnight. Then a mostly dry and sunny day, the sunshine may become a little hazy in the afternoon and a few light snow showers may effect eastern hills. Mainly dry with clear spells through the evening.

Chance of cloud-free hill tops above 600m: 100%, falling to 75% in east for a time in the afternoon

Low Cloud and visibility: Occasional cloud above 600m in the east for a time in the afternoon. Visibility will be generally excellent with good panoramic views of surrounding hills and mountains, perhaps falling to a few kilometres in the east in any light snow showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 08 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/6 NE	4/7 NE	5/9 NE	7/11 E	8/12 E	9/14 E	11/18 E	11/18 E	9/14 NE
300	2/5 N	3/6 N	4/9 NE	5/10 E	6/12 E	7/14 E	7/17 E	7/17 NE	6/14 NE
Valley	2/3 NE	3/6 NE	5/9 NE	4/8 E	6/11 SE	7/13 E	7/16 NE	8/18 NE	8/15 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-4/-7	-5/-8	-5/-8	-4/-8	-2/-6	-2/-6	-3/-8	-4/-10	-5/-10
300	-4/-6	-4/-6	-4/-6	-1/-4	1/-2	2/-2	-1/-5	-2/-6	-2/-6
Valley	-3/-5	-3/-6	-3/-6	0/-2	3/1	4/1	0/-3	-1/-5	-1/-5
Freezing Level*	00m	00m	00m	10m	400m	400m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures locally minus 5 or 6 Celsius at dawn and struggling in places to get above freezing by day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 07 Mar 2023	0.4mm	1.6mm	1.6mm

Forecast for Thursday 09 Mar 2023

Weather: Dry overnight but cloud thickening. Outbreaks of snow are expected to spread northeast through the morning, becoming persistent and occasionally heavy, with blizzard conditions likely at higher elevations, during the afternoon and evening. Lying snow drifting considerably in the wind.

Maximum wind: Easterly 10-15mph increasing 25-35mph in the afternoon with gusts around 50mph likely over ridges and summits through the afternoon and evening.

Chance of cloud-free hill tops above 600m: Around 75% at first but falling to near zero by early afternoon.

Low Cloud and visibility: Occasional cloud above about 750m at first becoming periods or persistent above 450-600m, with patches below, by early afternoon. Away from cloud visibility very good falling to a kilometre or less in more persistent snow and near zero in blizzard conditions.

Temperature: **Valleys:** Around minus 3 or 4 Celsius in the early hours rising to plus 1 or 2 Celsius in afternoon.
At 600m: Around minus 3 or 4 Celsius
Freezing level: All levels, rising to around 300m through the afternoon

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